FIGURE 6

	1	2	3	4	5	6	7
A	Commercial -1 Fertilizer 29-3-4 1X Application	Urea Blend 29-3-4 1X Application	Commercial -2 Fertilizer 29-3-4 1X Application	Urea-Perlite, at 0.92% Corn Starch Blend 1X Application	Urea-Perlite, at 0.92% Corn Starch Blend 4X Application	Urea-Perlite, at 0.92% Corn Starch Blend 3X Application	No Fertilizer Application
B	Urea-Perlite, at 3.60% Corn Starch Blend 1X Application	Urea-Perlite, at 3.60% Corn Starch Blend 4X Application	Commercial -1 Fertilizer 29-3-4 1X Application	Urea Blend 29-3-4 1X Application	Commercial -2 Fertilizer 29-3-4 1X Application	Urea-Perlite, at 0.92% Corn Starch Blend 1X Application	Urea-Perlite, at 0.92% Corn Starch Blend 4X Application
C	Urea-Perlite, at 0.92% Corn Starch Blend 3X Application	Urea-Perlite, at 3.60% Corn Starch Blend 1X Application	Urea-Perlite, at 3.60% Corn Starch Blend 4X Application	untreated	untreated	untreated	untreated

Plot Size = 5 feet X 15 feet = 75 square feet

Standard Rate of Application = 1lb N/1000 sq. ft.

= 0.10lb P_2O_5/1000 sq. ft.

= 0.13lb K_2O/1000 sq. ft.

X = Standard Rate Of Application, prefix number equals multiplication of that standard rate applied to the plot

FIGURE 1

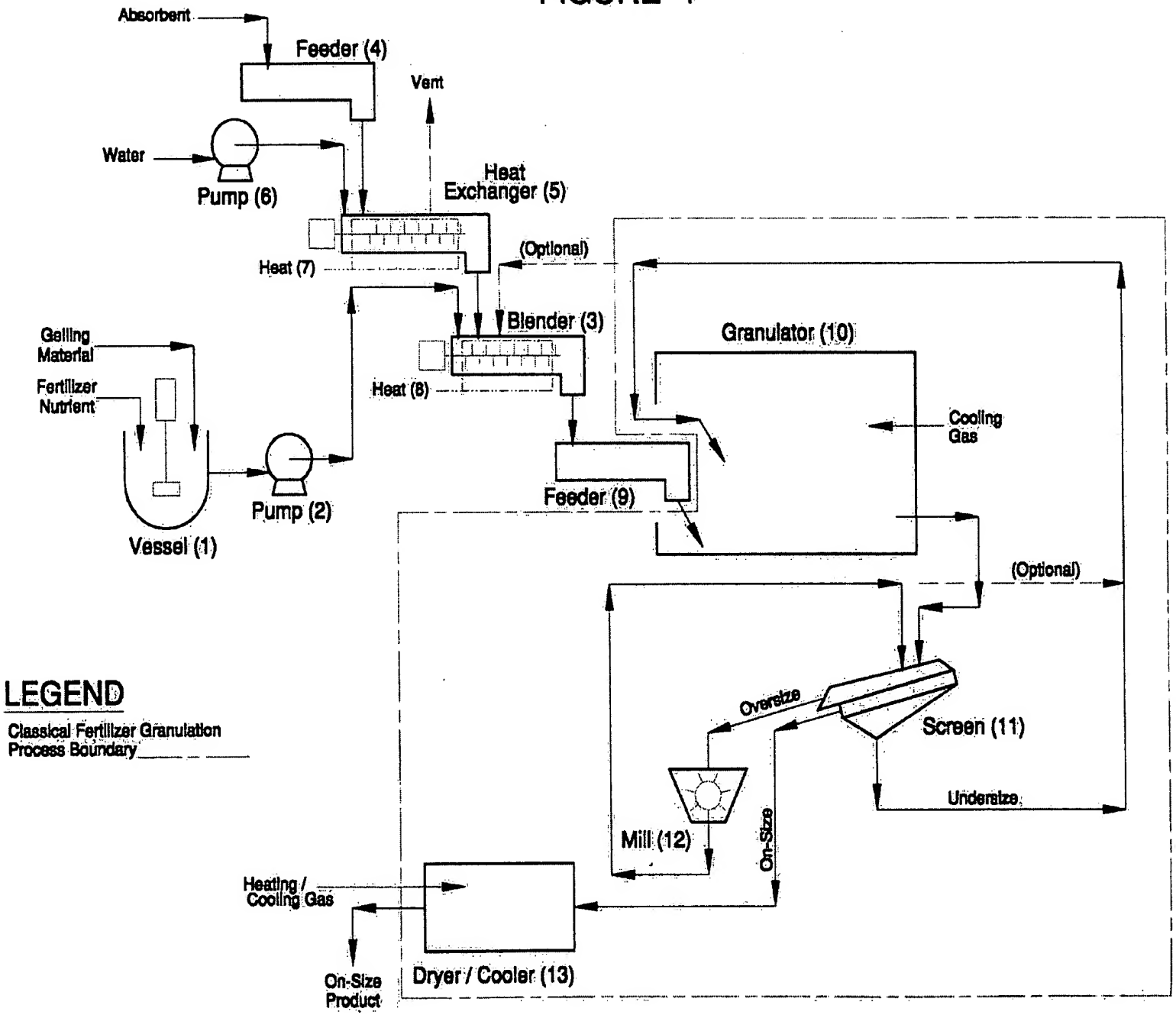
Absorbent
Feeder (4)
Vent
Water
Pump (6)
Heat Exchanger (5)
(Optional)
Heat (7)
Blender (3)
Granulator (10)
Gelling Material
Fertilizer Nutrient
Heat (8)
Cooling Gas
Feeder (9)
Pump (2)
Vessel (1)
(Optional)
Oversize
Screen (11)
Undersize
Mill (12)
On-Size
Heating / Cooling Gas
Dryer / Cooler (13)
On-Size Product
LEGEND
Classical Fertilizer Granulation Process Boundary

Figure 2

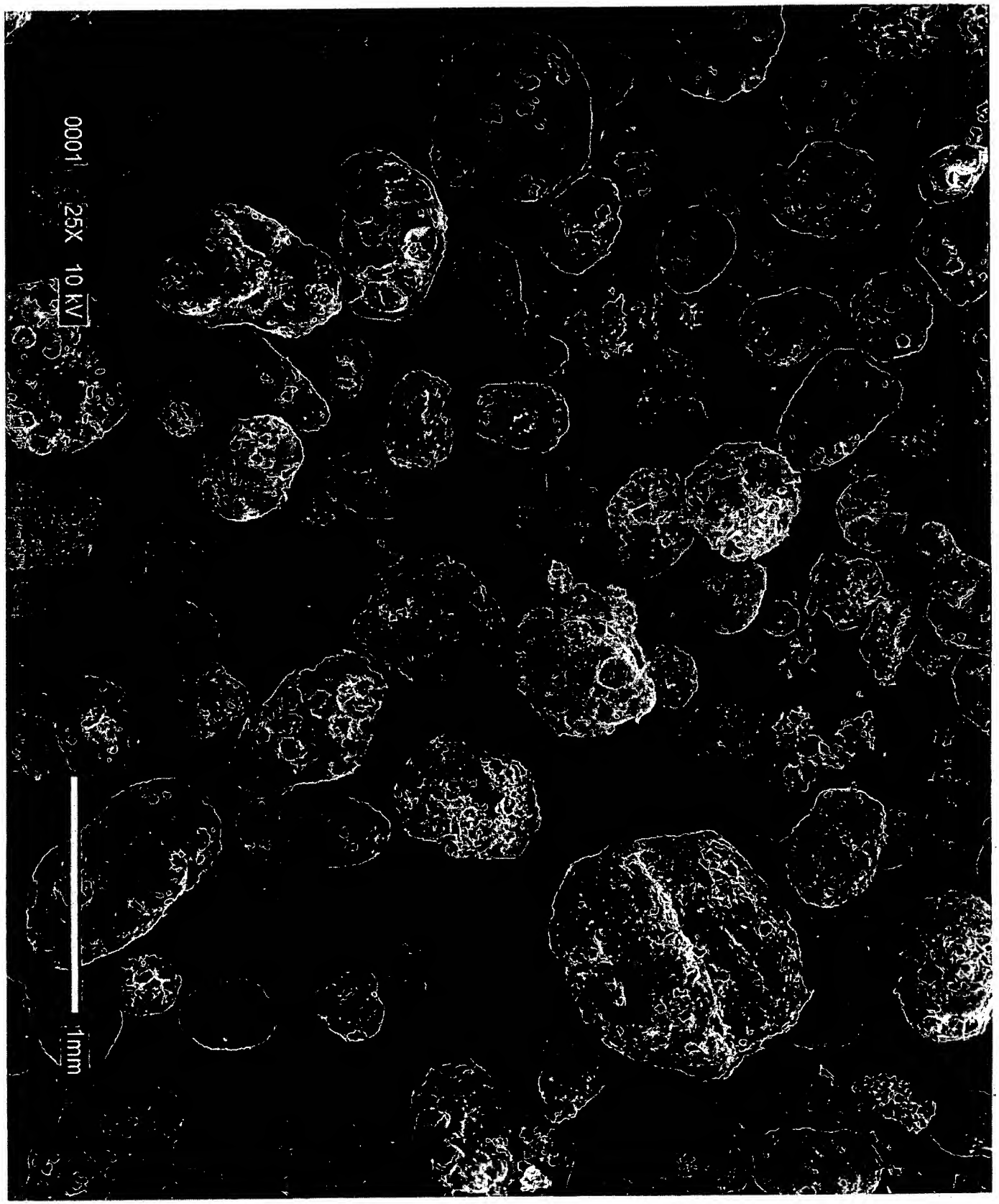

Figure 3

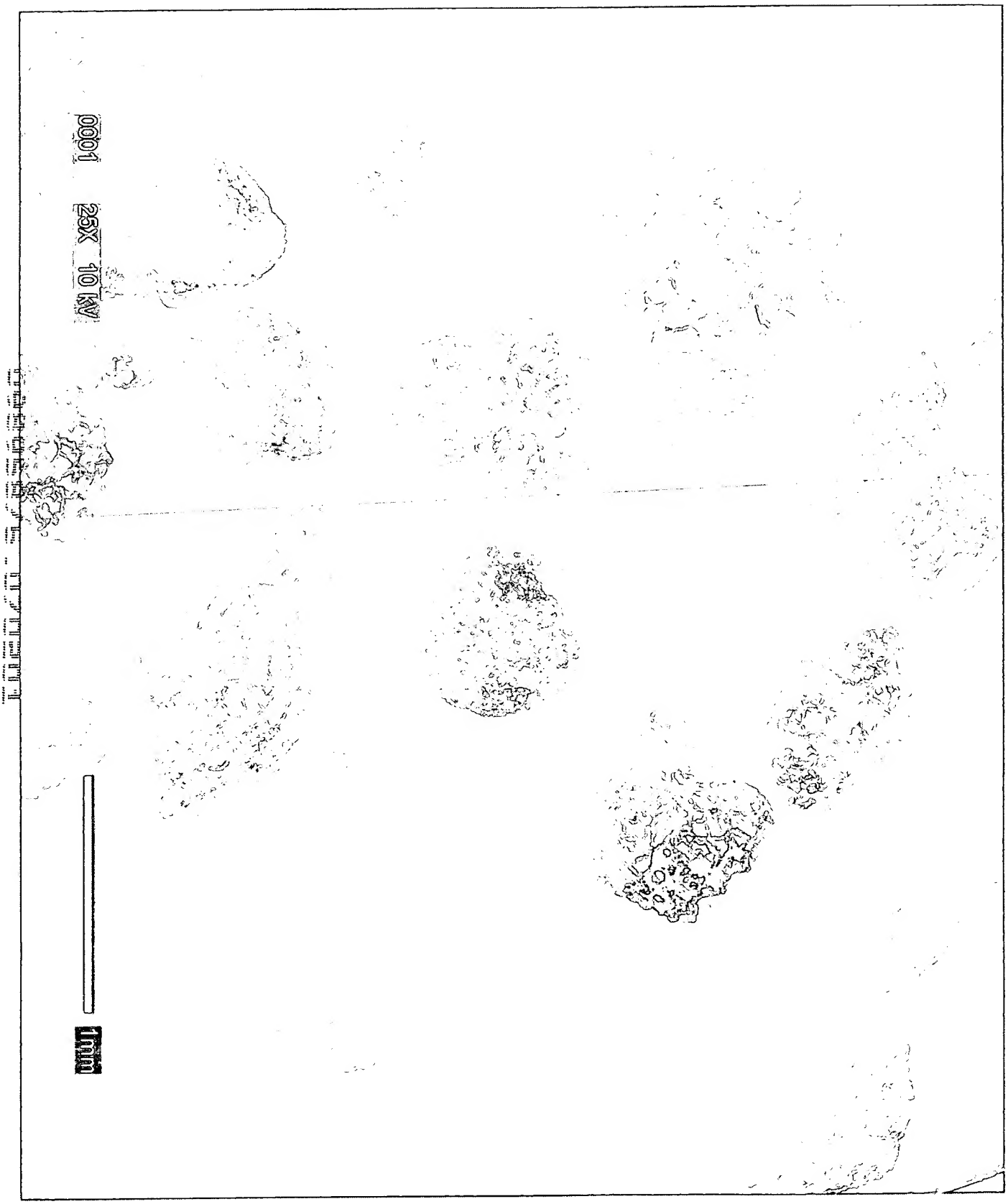

Figure 4

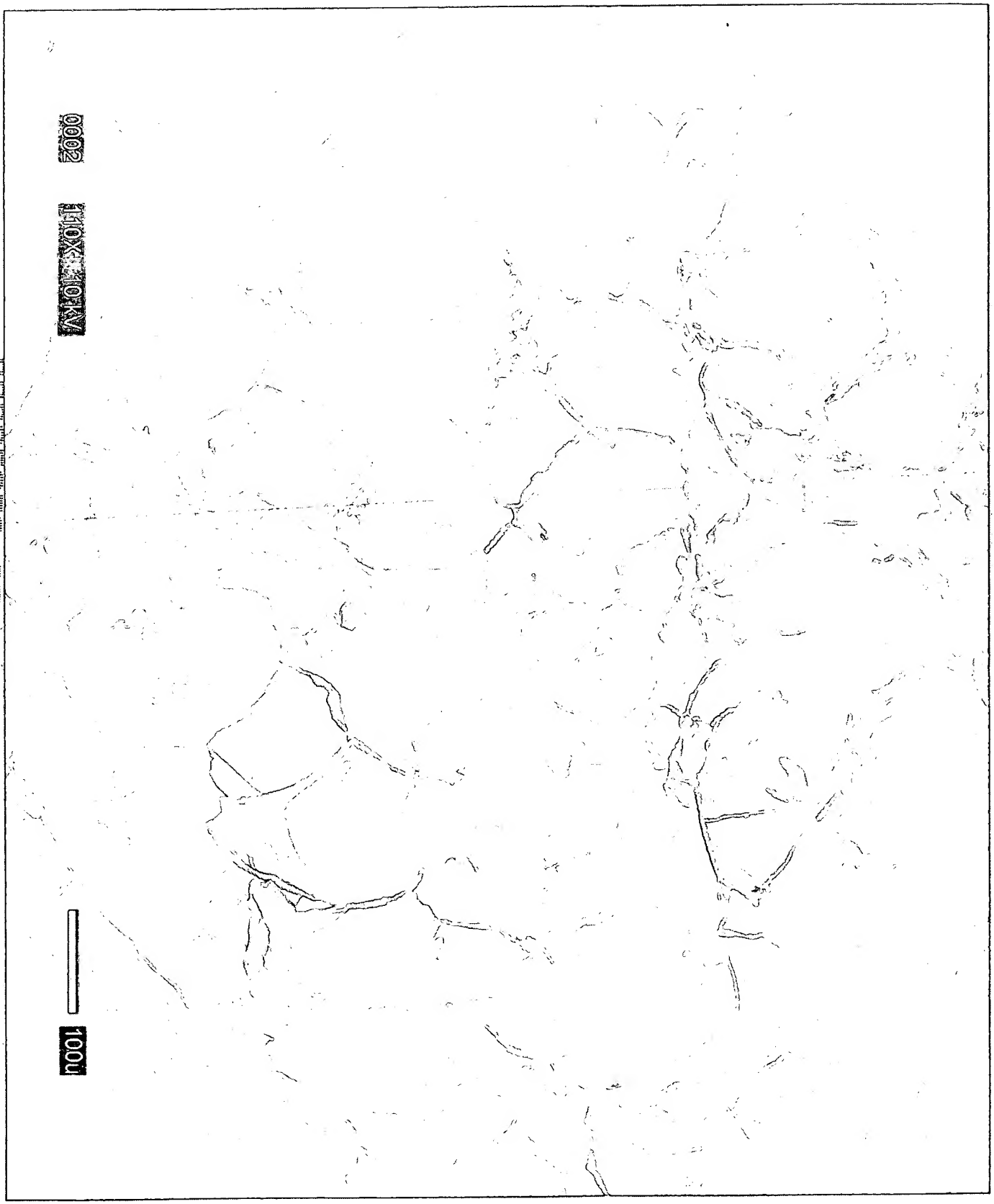

Figure 5